Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_\_\_\_

**Metric Measurement Conversions**

Converting metric measurements is easy!

Steps:

1. Count the number of zero placeholders

between the two units you are converting.

2. Then move the decimal point that number

of places.

\*\*If you are converting from smaller units to larger units, you move the decimal point to the **LEFT 🡨.**

\*\*If you are converting from larger units to smaller units, you move the decimal point to the **RIGHT 🡪.**

Example: 10,000 mL= \_\_\_\_\_\_\_\_\_\_\_\_ L

1 , 0 0 0 . 0 mL = 1 . 0 L One liter (L) is the same as 1,000 milliliters (mL), so there

are three zero placeholders in this. Move the decimal point

to the left three places to get your answer!

Write the equivalents for each of these measurements.

A) 10,000 mL = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ L F) 7.3 kg = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mg

B) 25 L = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mL G) 0.00076 m =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_cm

C) 75 mm = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cm H) 4.05 km = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_m

D) 1250 mm = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_m I) 10 L = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mL

E) 0.33 cm = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_mm J) 34.5 g = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mg